

PNEUMATIC TIRE, PROCESS FOR PRODUCING THE SAME, AND RUBBER COMPOSITION FOR SEALANT

Patent number: WO03026906

Publication date: 2003-04-03

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Classification:

- **international:** (IPC1-7): B60C19/12; B60C5/14; B29D30/06; B29C73/22; C09K3/10; B29L30/00

- **european:** B29C73/16C; B29C73/20; B29C73/22

Application number: WO2002JP09497 20020917

Priority number(s): JP20010280208 20010914; JP20010280212 20010914; JP20010302757 20010928; JP20010312867 20011010; JP20010313438 20011011; JP20020242363 20020822; JP20020242372 20020822

Also published as:

- EP1435301 (A1)
- WO03026906 (A1)
- US2004194862 (A1)
- CN1553866 (A)
- CA2459845 (A1)

Cited documents:

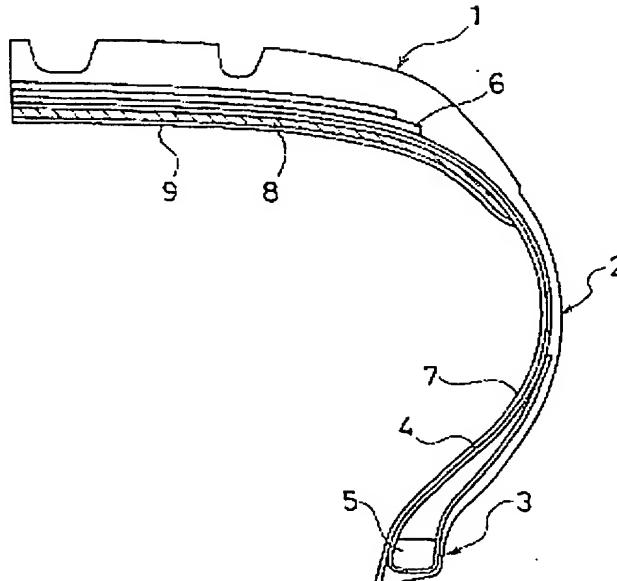
- US3981342
- EP0302400
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- JP51005433B1
- EP1060870

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Abstract of WO03026906

A pneumatic tire in which a sealant layer has been formed based on a decomposition reaction of polyisobutylene and which has an excellent puncture-preventing function while avoiding any inconvenience aroused by the sealant layer formation. The pneumatic tire has a sealant layer in that region of the inner surface of the tire which corresponds at least to the tread. The sealant layer is made of a pressure-sensitive adhesive sealant obtained by heating a rubber composition comprising 100 parts by weight of a rubber ingredient comprising at least 50 wt.% polyisobutadiene and 0.2 to 20 parts by weight of a peroxide. A liquid ethylene/alpha-olefin copolymer, liquid polybutadiene, or liquid polyisoprene is added as a pressure-sensitive adhesive for the sealant layer in an amount of 5 to 50 parts by weight.



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